

DCARML-010

- 2 -

IN THE CLAIMS

Please replace all claims in the instant application with the listing below amending claims 1, 8-10, 25, 29, and 34-36 and canceling claim 7 as follows:

- 1 1. (Currently Amended) A lifting sling, said lifting sling comprising:
 - 2
 - 3 a plurality of core fibers forming a ~~[said lifting]~~ sling body;
 - 4
 - 5 a coating comprised of at least an isocyanate mixed with an amine forming
 - 6 polyurea;
 - 7
 - 8 a safety core bonded by said coating proximate to said plurality of core fibers,
 - 9 ends of said safety core are concealed within said coating;
 - 10
 - 11 said coating further comprising:
 - 12
 - 13 an initial layer of said coating that seals said plurality of core fibers from
 - 14 exposure to contaminants;
 - 15
 - 16 a plurality of additional layers applied to areas of said ~~[lifting]~~ sling body
 - 17 subject to high crush and shear forces; and
 - 18
 - 19 a final splatter layer of said coating applied along said ~~[lifting]~~ sling body,
 - 20 said final splatter layer creating a rugged textured non-slip grip exterior
 - 21 surface.
 - 22

DCARML-010

- 3 -

1 2. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
2 coating is selected from the group consisting of a polyurea elastomer, or a hybrid
3 polyurethane – polyurea elastomer.
4

1 3. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
2 coating has an operational temperature range of –40 to 175 degrees Celsius.
3

1 4. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
2 coating has a tensile strength in the range of up to 6,500 pounds per square inch, an
3 elongation range of up to 300 percent, and a tear resistance in the range of up to 600
4 pounds per linear inch.
5

1 5. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
2 coating includes at least one of the following additives:
3

- 4 i) a catalyst;
5 ii) a stabilizer;
6 iii) a pigment;
7 iv) a fire retardant;
8 v) a static electricity reducing additive;
9 vi) an ultraviolet filtering additive; or
10 vii) a thermal cycling additive.
11

1 6. (Previously Presented) The lifting sling in accordance with claim 1, wherein said
2 plurality of core fibers include at least one of the following:
3

- 4 i) nylon;

SEP-07-2009 MON 10:20 PM FROM:KOLLS

FAX:6784174999

PAGE 5

PAGE 5/5 * RCVD AT 9/7/2009 10:29:14 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/15 * DNIS:2738300 * CSID:6784174999 * DURATION (mm-ss):02-54